

# Telecommunications

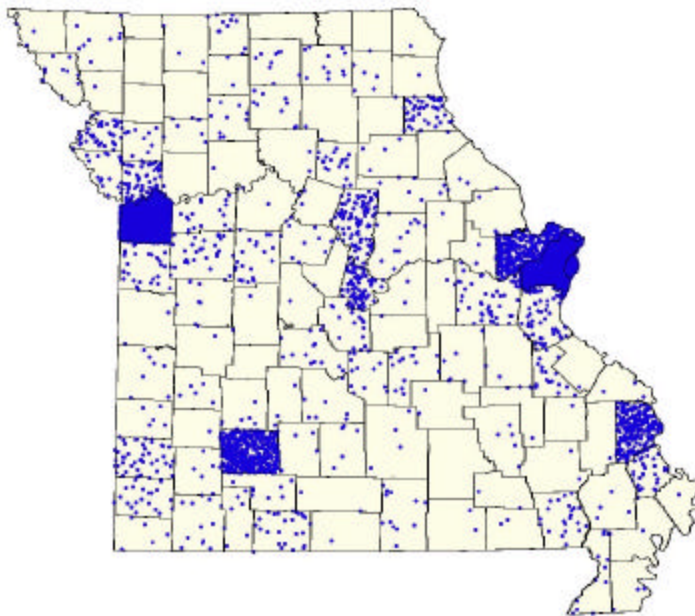
## INDUSTRY DESCRIPTION

The Telecommunications industry is engaged in telephone, wireless and cable communications. This industry includes the following sectors: radio-telephone communications (SIC 4812); telephone communications (SIC 4813); telegraph and other message communications (SIC 4822); cable and other pay television stations (SIC 4841); and other communications services - radar, missile tracking/telemetry, and satellite tracking/telemetry (SIC 4899).

## TELECOMMUNICATIONS MISSOURI INDICATORS, 1990-2000

	1990	2000	Percent Change
Total Employment	32,240	44,946	39.4% ↑
Total Wages in Millions (2000 Dollars)	\$1,594.9	\$2,188.7	37.2% ↑
Annual Wage Per Job (2000 Dollars)	\$49,467	\$48,755	-1.4% ↓
Total Establishments	495	950	91.7% ↑

Source: Covered Employment & Wages, MO Economic Development



• = 5 Jobs

### Specialization Ratios

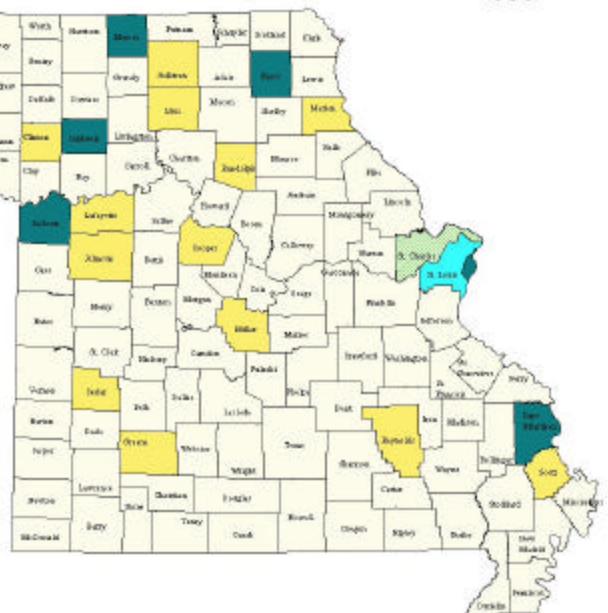
- High Specialization (SR > 1.5)
- Above Average Specialization (SR = 1.05 - 1.5)
- Average Specialization (SR = .95 - 1.05)
- Below Average Specialization (SR = .500 - .95)
- Low Specialization (SR < .50)



## EMPLOYMENT AND SPECIALIZATION, 2000

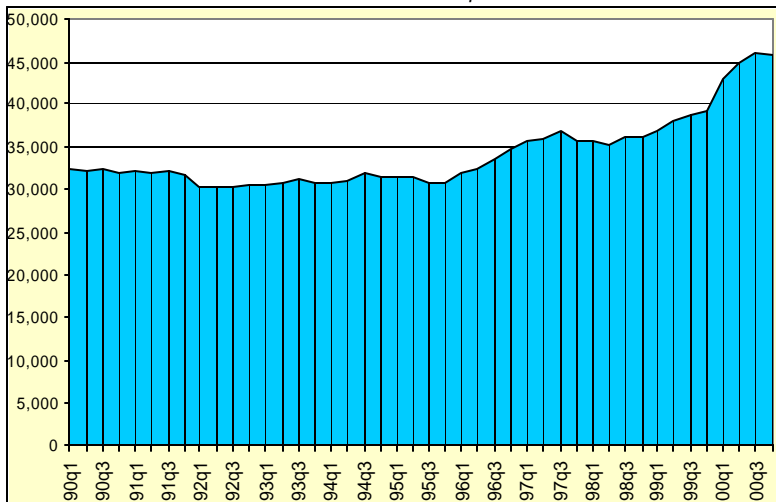
In 2000, the majority of telecommunications jobs were located in metropolitan Kansas City, metropolitan St. Louis, Springfield and Cape Girardeau.

According to specialization ratios (location quotients), 7 Missouri counties were highly specialized in telecommunications employment. These areas were concentrated in north Missouri, Kansas City and St. Louis. The most specialized counties in the state were Holt, Jackson, Cape Girardeau, St. Louis City, Mercer, Knox and Caldwell. It is important to note that SRs measure the proportion of industry employment relative to the state average, not the total number of jobs.



Source: Covered Employment & Wages, MO Economic Development

### EMPLOYMENT TRENDS, 1990-2000



- Telecommunications employment in Missouri has increased by 39.4% since 1990.
- The most current data estimates 44,946 telecommunications jobs during 2000.
- Employment was highest during 3<sup>rd</sup> quarter 2000, with 46,139 jobs. Employment was lowest during 1<sup>st</sup> quarter 1992, with 30,212 jobs.

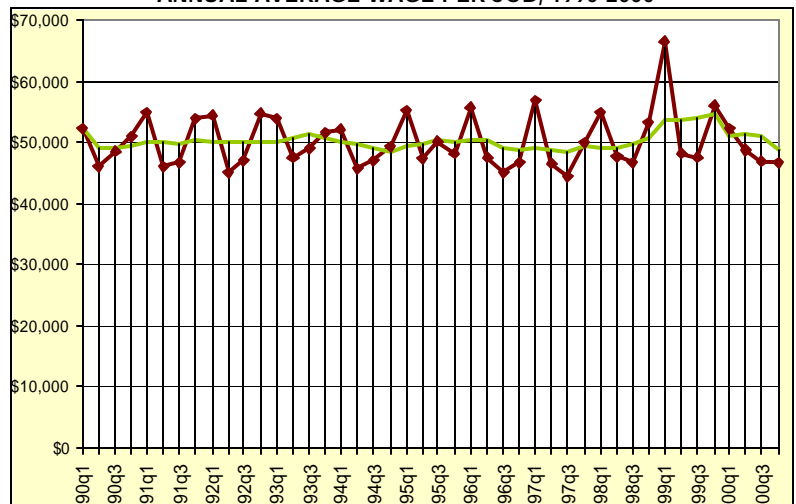
Source: Covered Employment & Wages, MO Economic Development

- Annual average wages per job in telecommunications has decreased by -1.4% since 1990.
- The most current data estimates an average wage per job of \$48,755 during 2000 - higher than the state average wage of \$31,217.
- Average wages per job were highest during 1<sup>st</sup> quarter 1999, at \$66,423 per job. Average wages per job were lowest during 3<sup>rd</sup> quarter 1997, at \$44,417 per job.

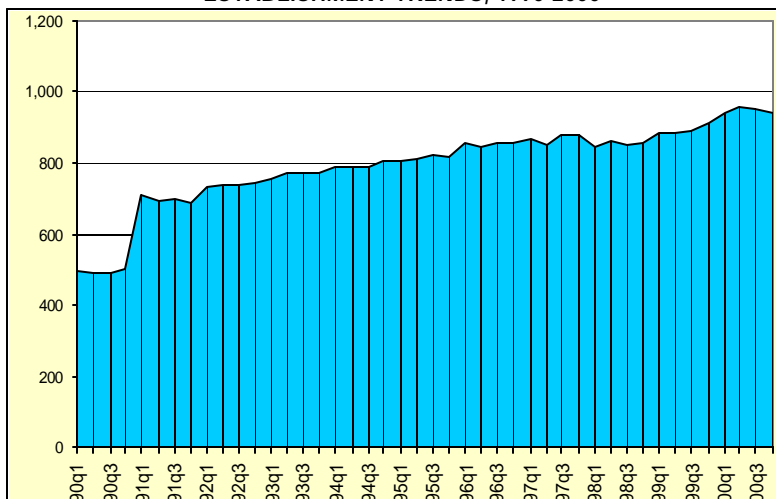
Wages adjusted to 2000 real dollars. Quarter wages annualized.  
Green line represents four quarter rolling average.

Source: Covered Employment & Wages, MO Economic Development

### ANNUAL AVERAGE WAGE PER JOB, 1990-2000



### ESTABLISHMENT TRENDS, 1990-2000



- The number of telecommunications establishments in Missouri has increased by 91.7% since 1990.
- The most current data estimates 950 telecommunications establishments during 2000.
- Establishments were most numerous during 2<sup>nd</sup> quarter 2000, at 958 entities. Establishments were least numerous during 2<sup>nd</sup> quarter 1990, at 490 entities.

Source: Covered Employment & Wages, MO Economic Development